

April 08, 2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

Subject: Brewer Academy
188BS16170

Dear Mr. Smith :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Attached are the results for the samples submitted on 04/01/2016 for the above mentioned project. NELAP/TNI Accredited Analysis and MDEQ Drinking Water Certified Analysis will be identified in their respective reporting formats. Hard copies can be supplied at your request for a fee of \$20.00 per copy.

The invoice for this project will be emailed separately. If you have any questions concerning the data or invoice, please don't hesitate to contact our office. We welcome your comments and suggestions to improve our quality systems. Please reference Brighton Analytical, L.L.C. Project ID 38318 when calling or emailing. We thank you for this opportunity to partner with you on this project and hope to work with you again in the future.

Sincerely,
Brighton Analytical, L.L.C.



Brighton Analytical, L.L.C.TM
Email: bair-brighton@bcbglobal.net
2105 Pless Drive
Brighton, MI 48114
Phone: 810-229-7575
Fax: 810-229-8650

PROJECT NAME:

Brewer Academy

PROJECT #:

1888516170

PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)

BA PROJECT #:
38318
ABBREVIATIONS
FOR MATRIX
S = Solid
L = Liquid
DW = Drinking H₂O
O = Oil
P = Wipe
A = Air (Teflon Bag)
F = Filter
T = Tube
M = Misc.

Sample collected by:

KEVINICIAS

REQUESTED TURNAROUND: (circle one)
Rush: 1-3 business days (verify with lab & specify date needed)
1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost
Standard: 5 business days

If RUSH,
approved by:

Sample Coll.

Brighton ID #

Sample Description

Date

Time

VOA'S (PRES) Y N N/A

HDPE UNPRESERVED

HDPE HNO₃

HDPE H₂SO₄

HDPE NAOH

AMBER PRESERVED?

GLASS, NO PRESERVATIVE

STERILIZED BACTERIA

MEOH Preserved Y N

Container Type & Quantity

Sample Matrix

COPPER - PRIMARY (P)
LEAD - PRIMARY (P)

COPPER - FLUSH (F) HOLD
LEAD - FLUSH (F) HOLD

408838

Sample containers and COC match? yes ☒ no ☐

BILLING ADDRESS (IF REQUIRED):

SAME AS MAILING

Drinking H₂O:

Fax to LCHD? yes ☐ no ☒

Chlorinated Water Supply? yes ☒ no ☐

AMT: **HA**

MCL Failure: yes ☐ no ☐

Client Notified (date/time/initials):

Special Instructions: if lead or copper exceeded limits - Analyze flush samples

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #

RELINQUISHED BY:

RECEIVED BY:

DATE:

TIME:

Trans. #

RELINQUISHED BY:

RECEIVED BY:

DATE:

TIME:

PAGE ____ OF ____

COMPANY/MAILING ADDRESS:

ATC GROUP SERVICES

46555 Humboldt Dr #100

Norvill, MI, 48837

ATTN: Robert Smith

PHONE: 248-669-5140

FAX OR EMAIL: 105666-5017@ATCASSOCIATES.

Samples received within hold time? yes ☒ no ☐ Com

Temperature of samples °C: **4**

pHs verified in login? yes ☒ no ☐

Headspace/bubbles in VOA's? yes ☐ no ☐ n/a ☒



Brighton Analytical LLC
2105 Pless Drive
Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 3/31/2016 08:38
Submit Date/Time: 4/1/2016 12:00
Report Date: 4/8/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38318**
BA Sample ID **CC08838**

Project Name: **Brewer Academy**
Project Number: **188BS16170**
Sample ID: **1-DWF-P-BA-Hall@110**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	180	ug/L	20	1300	EPA 200.8 rev5.4	13:12	04/07/2016
Total Lead (Drinking Water)	4	ug/L	1	15	EPA 200.8 rev5.4	13:12	04/07/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by

Date


4/8/16



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Brighton, Michigan 48114
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MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 3/31/2016 08:50
Submit Date/Time: 4/1/2016 12:00
Report Date: 4/8/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38318**
BA Sample ID **CC08840**

Project Name: **Brewer Academy**
Project Number: **188BS16170**
Sample ID: **2-BS-P-BA-Staff Lounge**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	100	ug/L	20	1300	EPA 200.8 rev5.4	13:16	04/07/2016
Total Lead (Drinking Water)	7	ug/L	1	15	EPA 200.8 rev5.4	13:16	04/07/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 4/8/16



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Brighton, Michigan 48114
Phone: (810)229-7575 (810)229-8650
e-mail: bai-brighton@sbcglobal.net
MDNRE Certified #9404
NELAC Accredited #176507

Sample Date/Time: 3/31/2016 09:05
Submit Date/Time: 4/1/2016 12:00
Report Date: 4/8/2016

ATC Associates
46555 Humboldt Dr.
Suite 100
Novi, MI 48377

BA Project # **38318**
BA Sample ID **CC08842**

Project Name: **Brewer Academy**
Project Number: **188BS16170**
Sample ID: **3-KS-P-BA-Kitchen**

Analyte Name	Result	Units	RL	MCL	Method Reference	Analysis Time	Analysis Date
Drinking Water Metal Analysis							
Total Copper (Drinking Water)	210	ug/L	20	1300	EPA 200.8 rev5.4	13:21	04/07/2016
Total Lead (Drinking Water)	Not detected	ug/L	1	15	EPA 200.8 rev5.4	13:21	04/07/2016

RL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

MCL = Maximum contaminant Levels.

Analysis not specifically identified as drinking water are for non-regulatory compliance purposes.

Released by 

Date 4/8/16



BRIGHTON ANALYTICAL, LLC

QUALITY ASSURANCE/QUALITY
CONTROL

ICP-MS

METHOD 6020

REPRESENTATIVE BATCH PRECISION AND ACCURACY QUALITY CONTROL SUMMARY

Analysis Date: 4/7/2016	Standard ID: 033116 H2O	Batch: 4/1/2016 W10
Matrix Spike Lab ID: CC08826	Matrix: Total	Analyst: LT

Metals	Matrix Spike - Precision *			Matrix Spike - Accuracy**				Miscellaneous***		
	Matrix Spike (ug/kg)	Matrix Spike Dup (ug/kg)	RPD (%)	Spk Conc (ug/kg)	MS Recovery (%)	MSD Recovery (%)	Sample Conc (ug/kg)	Method Blk (ug/kg)	LCS-Method STD (%)	Ind. Std. (%)
Copper	1106	1099	0.6	1000	99.8	99.1	108	<20	101.4	100.9
Lead	957	960	0.3	1000	95.7	96.0	0	<1	96.7	93.1

* Matrix spike precision range +/- 20% RPD

** Matrix spike accuracy range +/- 20% recovery

*** LCS accuracy range +/- 15% recovery / Ind std accuracy range +/- 10% recovery

Comments: _____